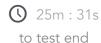


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☆ Merge Strings

Complete the *mergeStrings* function in your editor. It has 2 parameters:

- 1. A string, a.
- 2. A string, b.

2

1

- Your function must *merge* strings *a* and *b*, and then return a single merged string. A merge operation on two strings is described as follows:
 - Append alternating characters from a and b, respectively, to some new string, mergedString.
 - Once all of the characters in one of the strings have been merged, append the remaining characters in the other string to *mergedString*.

Input Format

The locked stub code in your editor reads two strings, a and b, from stdin and passes them to your function.

Constraints

• $1 \le |a|, |b| \le 25000$

Output Format

Your function must return the *merged* string. This will be printed to stdout by the locked stub code in your editor.

Sample Input 1

abc def

Sample Output 1

adbecf

Sample Input 2



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?

Sample Output 2

azbsd

1

2 Explanation

Sample Case 1

- a = abc
 - b = def
- Taking alternate characters from both the strings , we get *adbecf* Sample Case 2
- a = ab
 - b = zsd

Taking alternate characters from both the strings, we get azbsd

YOUR ANSWER

We recommend you take a quick tour of our editor before you proceed. The timer will pause up to 90 seconds for the tour.

Start tour





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② 25m:31s to test end

```
static String mergeStrings(String a, String b) {
       13 ▼
                    if (a == null || a.length() == 0) {
       14 <del>-</del>
                         return b;
       15
       16
                    }
       17
1
                    if (b == null | b.length() == 0) {
       18 ▼
       19
                         return a;
       20
                    }
2
       21
                    StringBuilder res = new StringBuilder();
       22
3
                    for (int i = 0; i < Math.min(a.length(), b.length());</pre>
       23
            i++) {
       24
                         res.append(a.charAt(i));
                         res.append(b.charAt(i));
       25
       26
                    }
5
       27
                    if (a.length() > b.length()) {
       28
                         res.append(a.substring(b.length()));
       29
                    } else if (b.length() > a.length()) {
       30 ₩
                         res.append(b.substring(a.length()));
       31
       32
                    }
       33
       34
                    return res.toString();
       35
                }
       36
       37
                public static void main(String[] args) throws IOException{
       38
            ↔}
       63
           }
                                                                  Line: 9 Col: 1
```

☐ Test against custom input

Run Code

Submit code & Continue

(You can submit any number of times)

Download sample test cases The input/output files have Unix line endings. Do not use Notepad to edit them on windows.

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